

- TurfMaize contains 98% Corn Gluten Meal
- TurfMaize products are 60% protein and contain no filler, animal waste or sludge
- TurfMaize feed the lawn with slow release Nitrogen
- Corn Gluten is a By-Product of starch production, a renewable and environmentally conscious resource

TurfMaize is available in Canada only. For USA we suggest LiquiGold.

Corn Gluten Meal is a by-product of the wet-milling process of corn grain. This process separates the components of the grain to obtain starch and other valuable organic materials. The Corn Gluten Meal is the protein fraction of the corn.

Corn Gluten Meal must be applied before weed germination. The standard recommended application rate is 20 pounds of product (2 pounds N) per 1,000 square feet in the spring in a two-to-four week period before the germination of summer annuals like crabgrass. It is recommended that you time your spring application when the Forsythia begins to bloom or up to two weeks prior to the show of colour of your crocus, early daffodils, and early tulips. These flowers bloom about the same time that some common weeds germinate. The timing of the application will vary with the weather. Your Crabgrass will germinate when your soil temperatures have reached 55 degrees F.

This organic form of nitrogen will be released slowly throughout the summer. Corn Gluten Meal can be also be applied throughout the summer on actively growing turfgrass at rates of about one pound N per 1,000 square feet when adequate moisture is being supplied throughout the summer. The second application of 20 pounds of nitrogen per 1,000 square feet on cool-season turf is made around August 15 to September 1st. This helps control some of the perennial broadleaves and winter annual weeds that germinate in late summer and early autumn. This also provides 2 pounds of nitrogen to your lawn slowly through the fall. Apply Corn Gluten Meal only when the soil is moist and rain is forecasted within 2 days of application. If it does not rain within 2 days of application then you must water your turfgrass.

Areas with high populations of Crabgrass will be reduced by about 60 percent in the first year of application. In the second year of application it will be reduced by about 80 percent or better. Reductions of 90 percent can be achieved by year three. There is no carryover of the pre-emergent effect of the Corn Gluten Meal. Its effect generally dissipates in five to six weeks after it is applied. The cumulative effect of the repeated applications is to thicken the turfgrass. This is a natural inhibitor to the germination of weed seeds and Crabgrass. To maintain this the thick stand of turfgrass it must also receive adequate amounts of water on a timely basis throughout the growing season. Corn Gluten Meal prevents the young sprouting seeds from developing normal roots. The common weeds that are affected by Corn Gluten Meal are Crabgrass, Creeping Bentgrass, Smart Weed, Dandelions, Red Root Pigweed, Purslane, Lambsquarter, Foxtail, Barnyard Grass, and Bermuda Grass.

#### Potential Health And Environmental Problems

Canada's Pest Management Regulatory Agency has identified a potential health problem associated with corn gluten meal. Corn and corn by-products are known to cause allergies for some people. A few people have serious reactions, including respiratory problems and hypersensitivity. If you know that you or your family members are allergic to corn, it is recommended that you avoid exposure to Corn Gluten Meal.

#### Some Of The Rules In Applying Corn Gluten Meal

Do NOT apply on newly seeded grass. You must wait until after the first mowing.

Do NOT apply under windy conditions.

Do NOT apply in the spring if you are over seeding or sodding in the Spring.

Do NOT apply in the fall if you are over seeding or sodding in the fall.

Do NOT apply if you are allergic to corn.

- TurfMaize is Canada's only Pest Management Regulatory Association approved turf fertilizer with a natural weed preventer
- TurfMaize is only registered in Canada
- The similar product **LiquiGold Biofertilizer** is available in the U.S.A and Canada
- In the United States, Corn Gluten is only marketed as a fertilizer
- This formulation of Corn Gluten works as a pre-emergent weed seed germination inhibitor
- TurfMaize helps prevent the germination of lawn weed seeds such as dandelion and crabgrass
- TurfMaize is a 9-0-0 Lawn Fertilizer than naturally greens and thickens turf grass
- TurfMaize's low Nitrogen greatly reduces the risk of burning your lawn
- 9kg pail treats 1000 sq ft
- for best results, apply in early spring and late summer, early fall
- TurfMaize is applied with a conventional fertilizer spreader
- Corn Gluten is exempt under most Municipal Bylaws